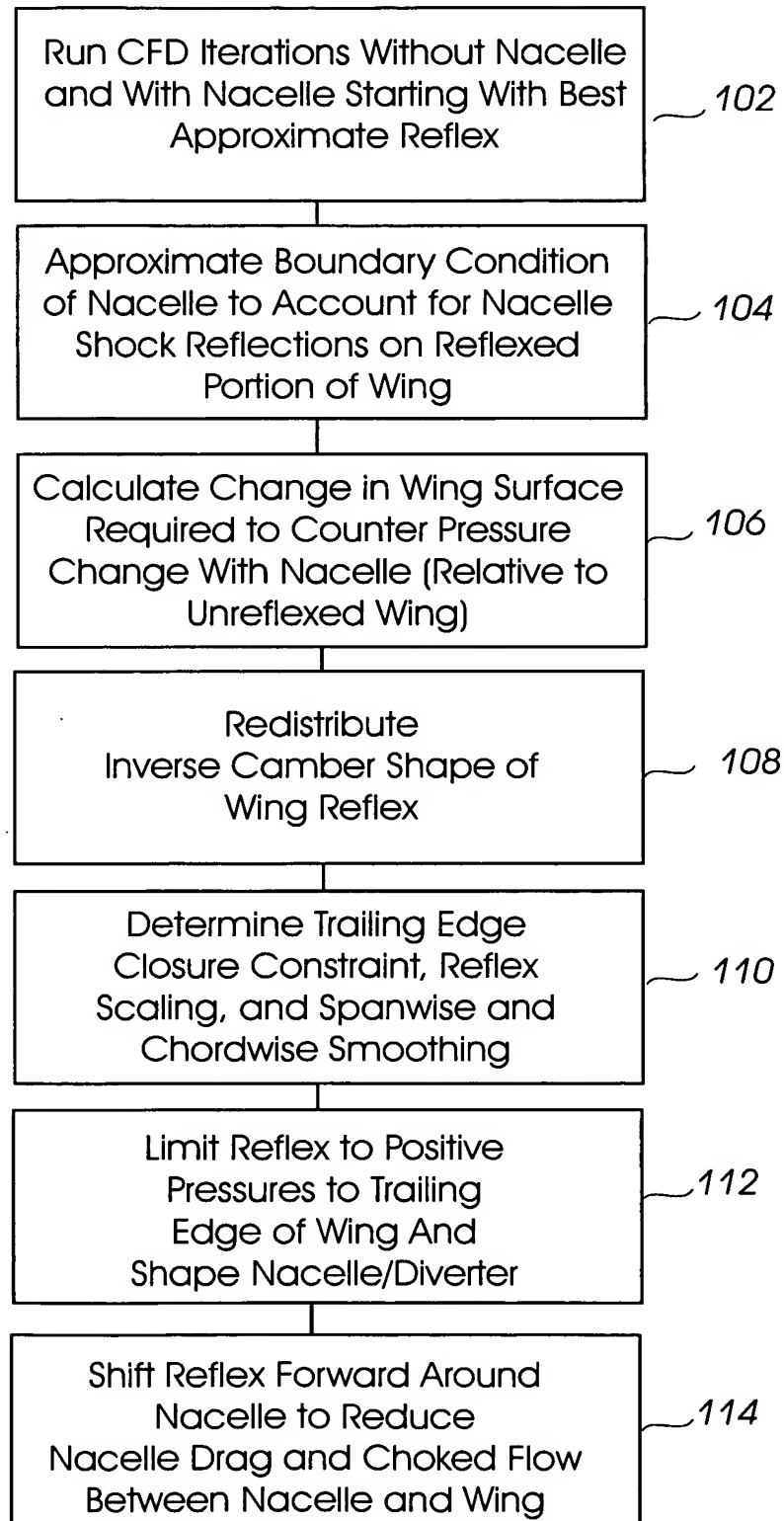
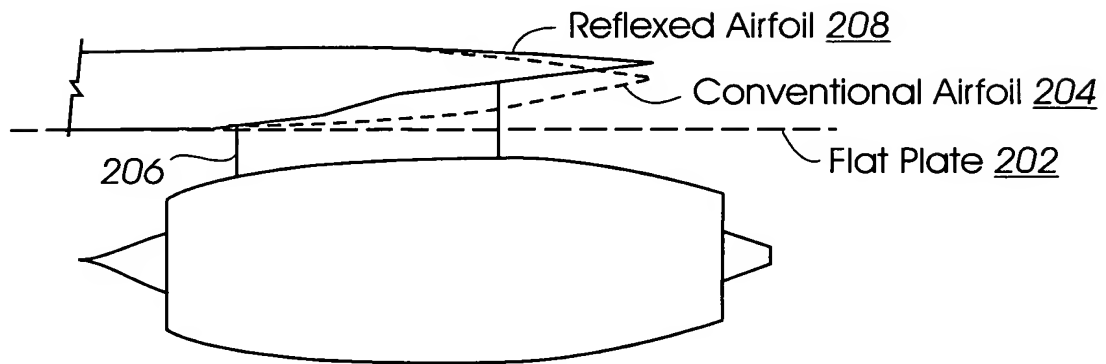


**Supersonic Wing and Nacelle Integration****FIG. 1**

CFD Initialization Options*FIG. 2*

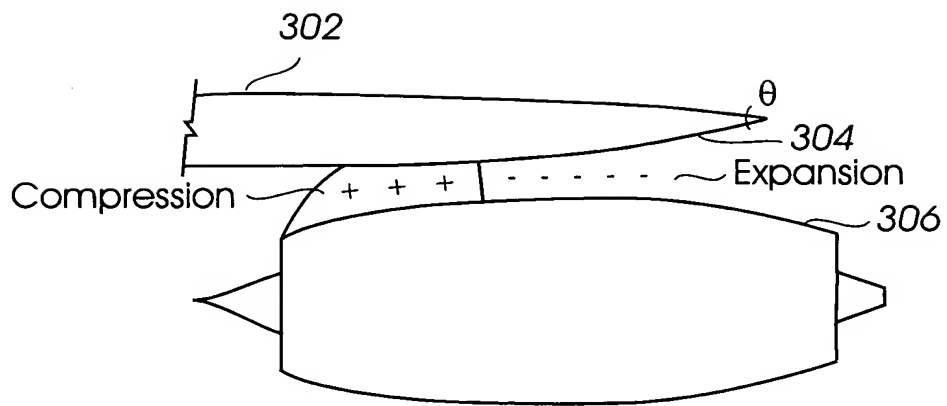


FIG. 3A

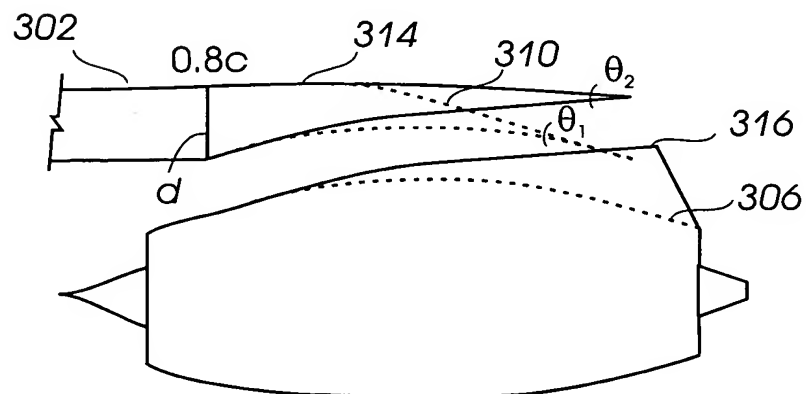


FIG. 3B

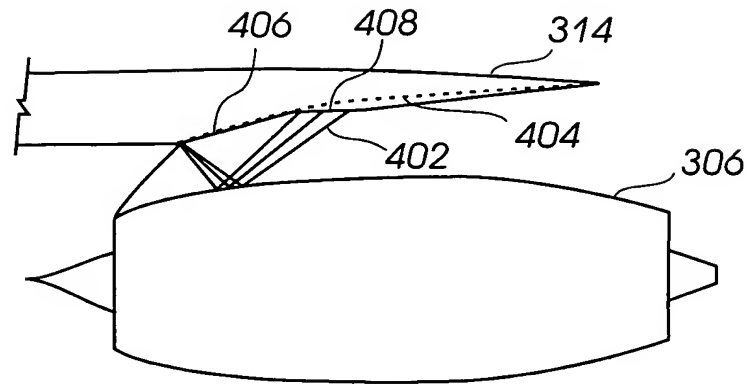


FIG. 4A

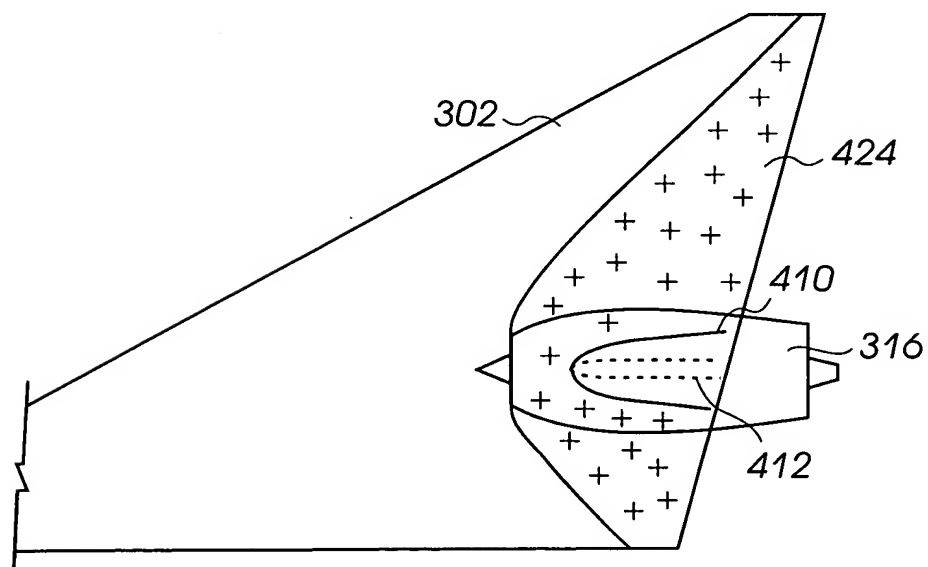


FIG. 4B

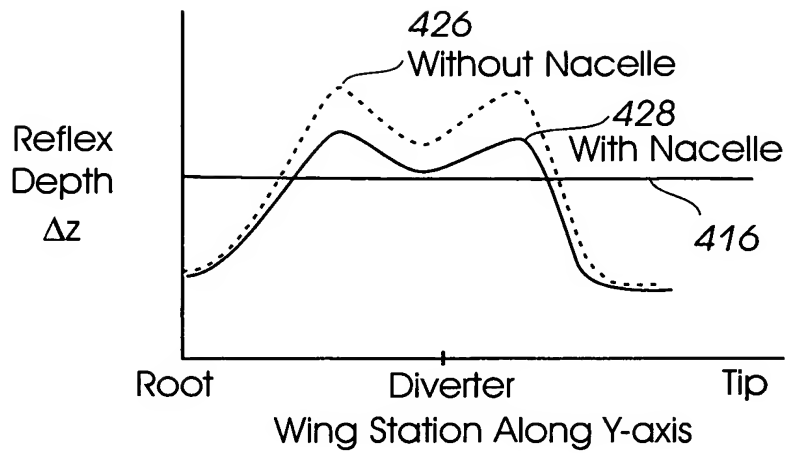


FIG. 4C

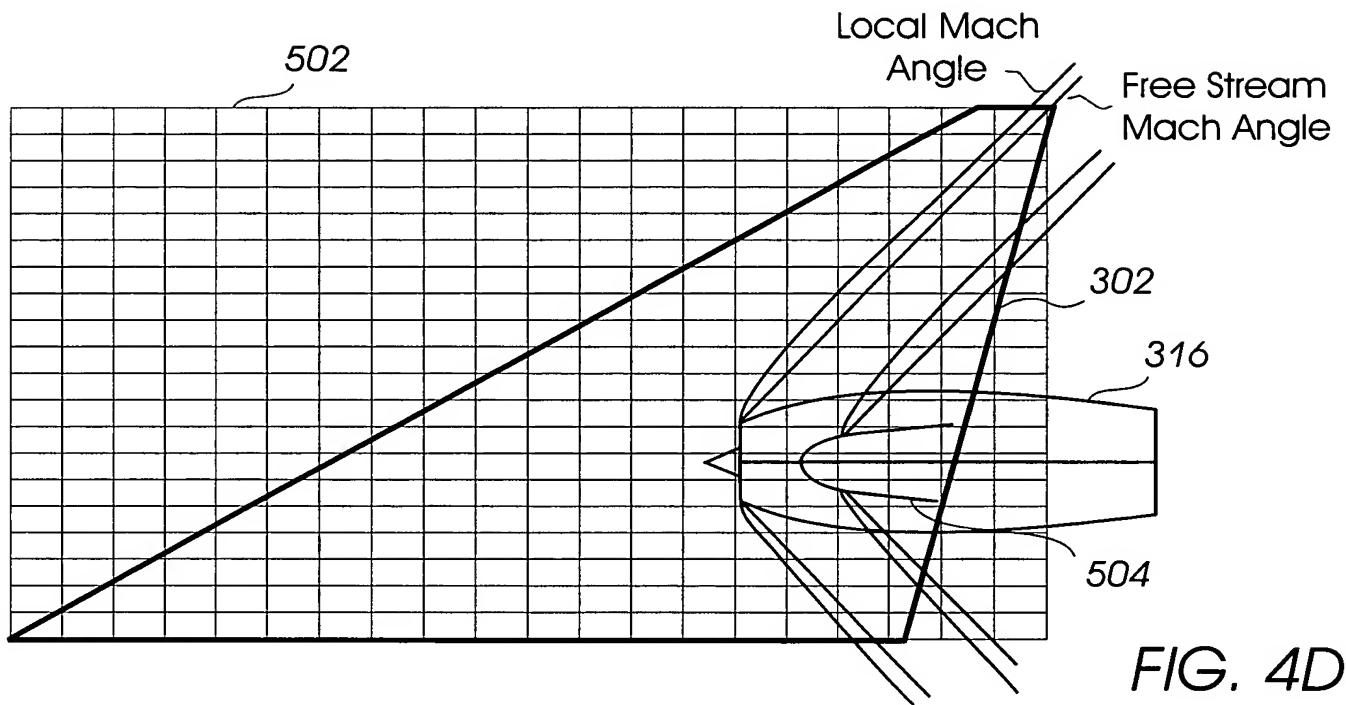
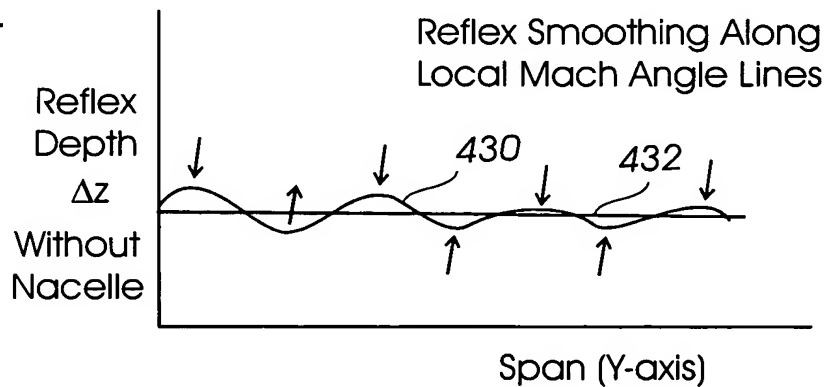


FIG. 4D

FIG. 4E



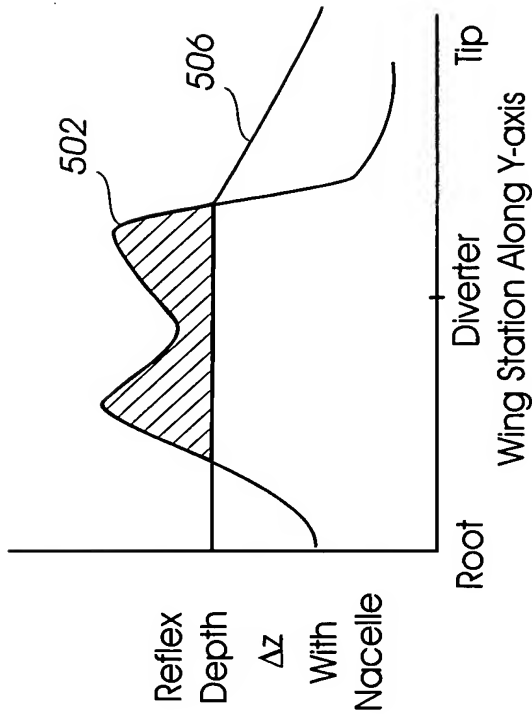


FIG. 5A

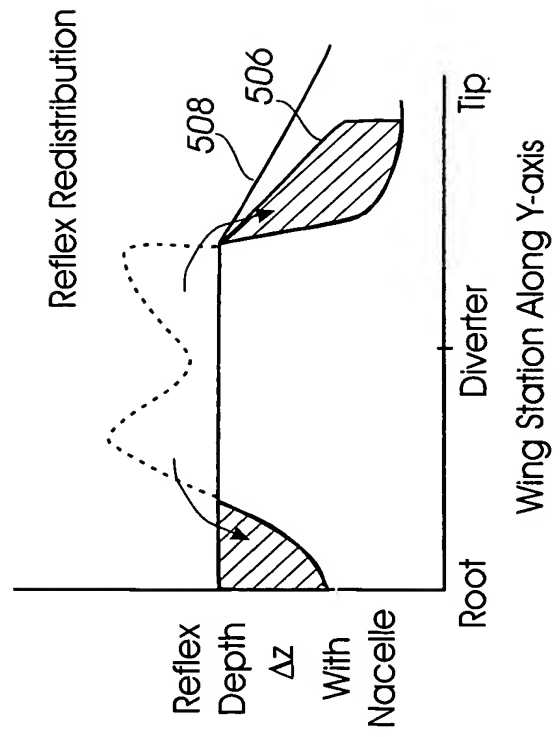


FIG. 5B

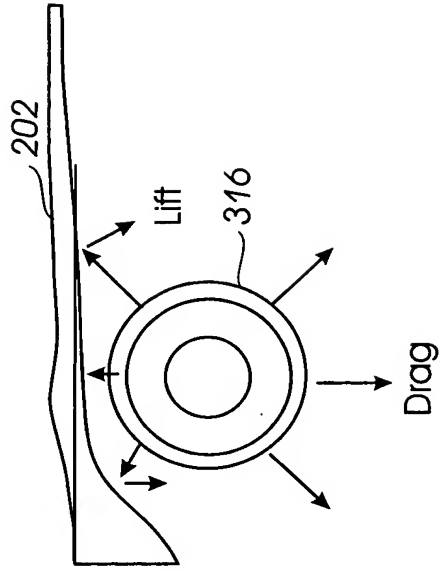


FIG. 5C

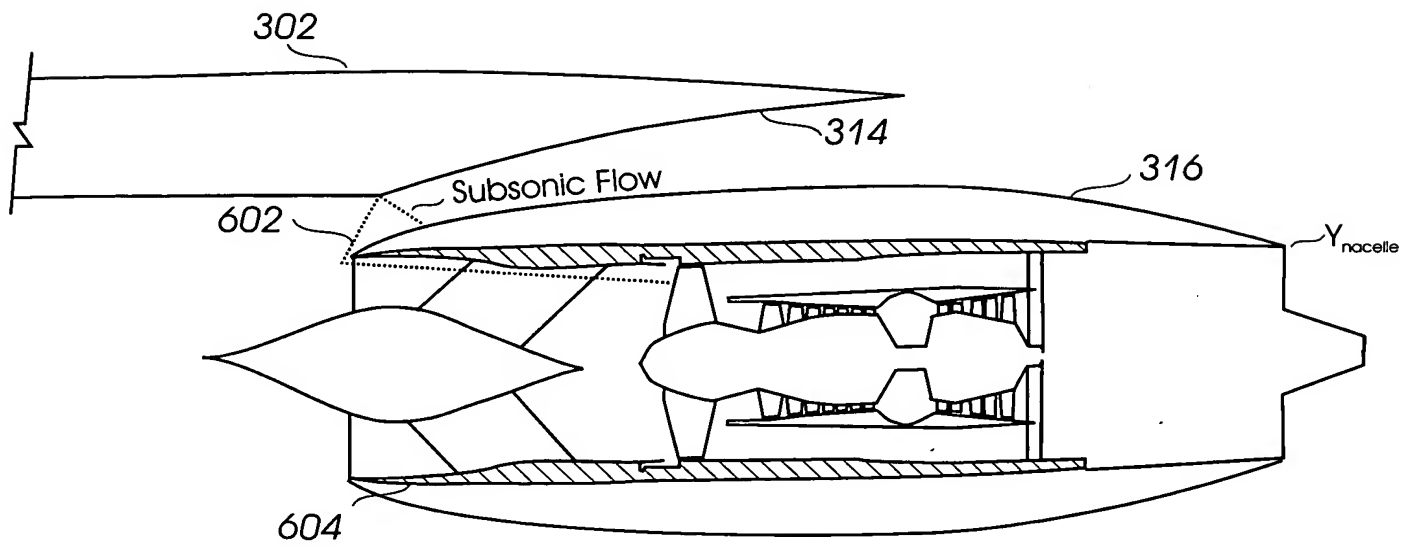


FIG. 6A

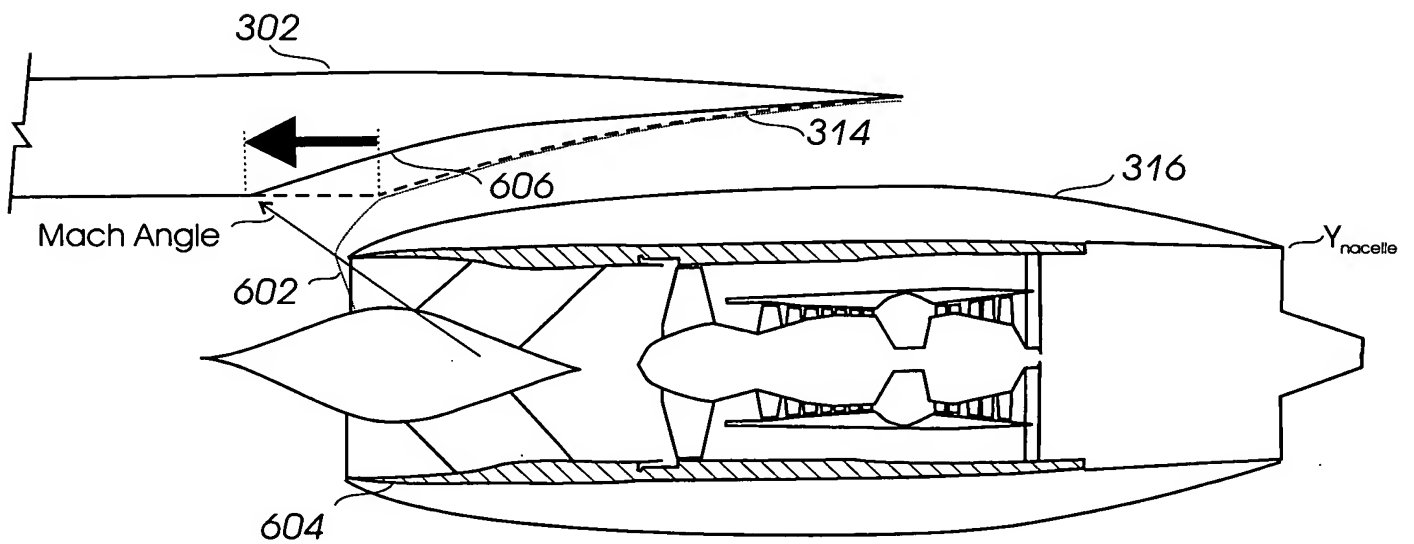


FIG. 6B

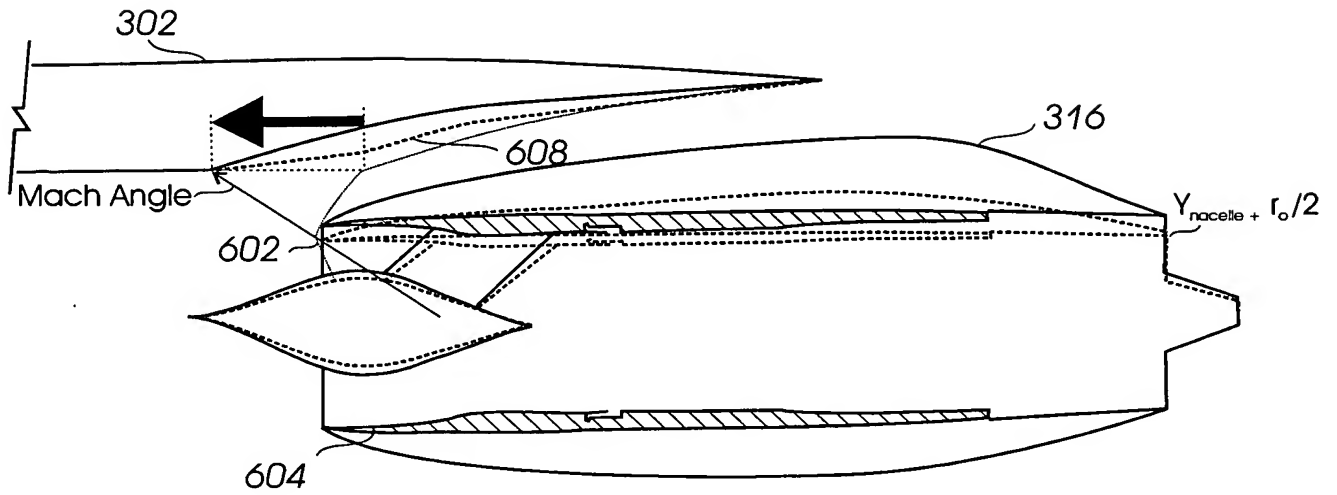


FIG. 6C

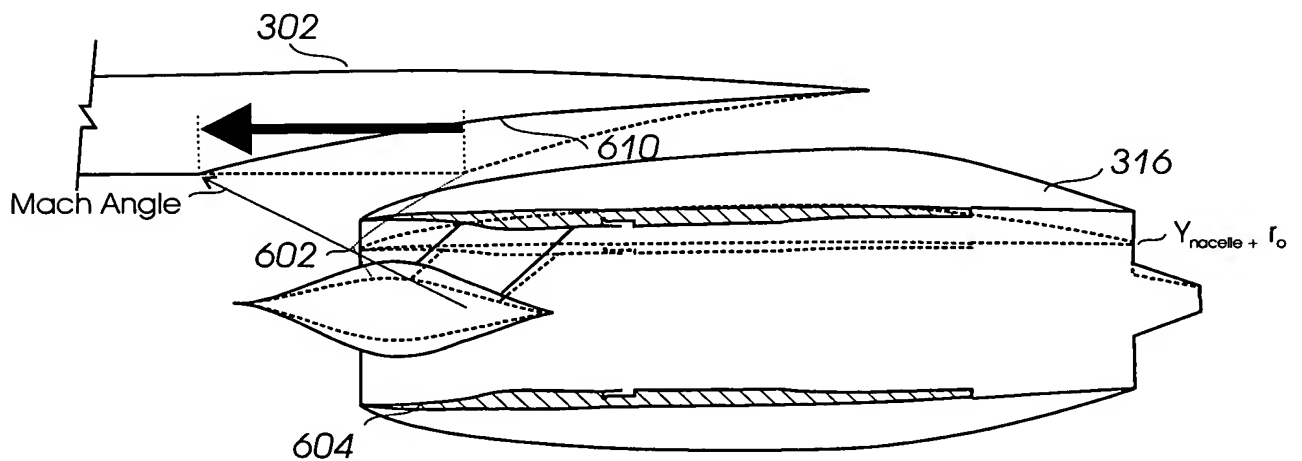


FIG. 6D



9/12

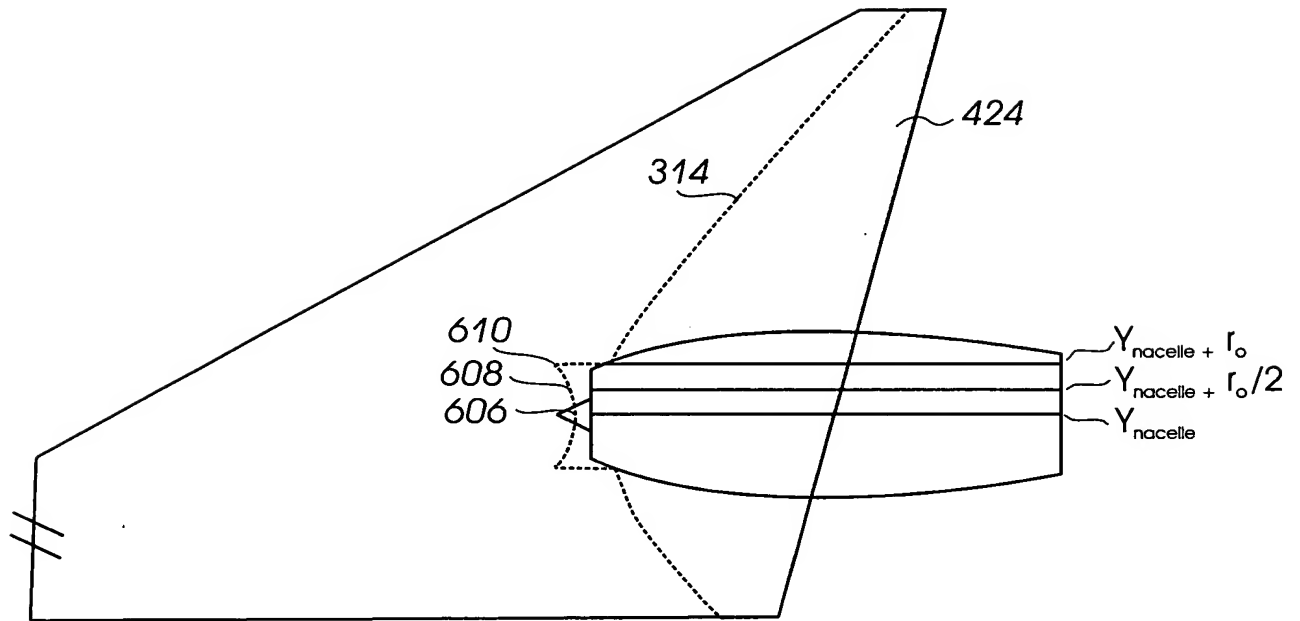


FIG. 6E

Possible Transition Fairings:

$$\Delta z = \Delta z_{\text{new}} \text{SF} + \Delta z_{\text{old}} (1 - \text{SF})$$

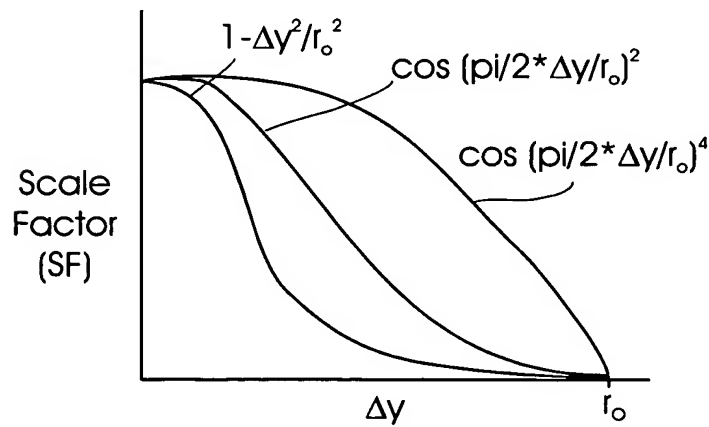


FIG. 6F

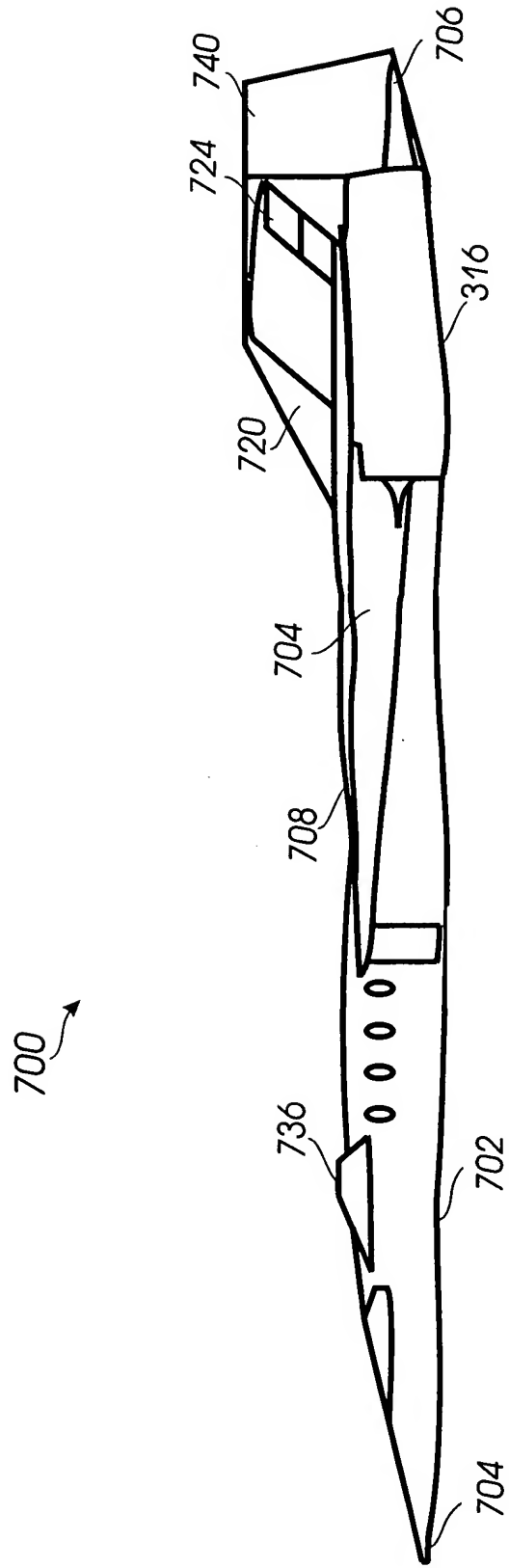


FIG. 7A

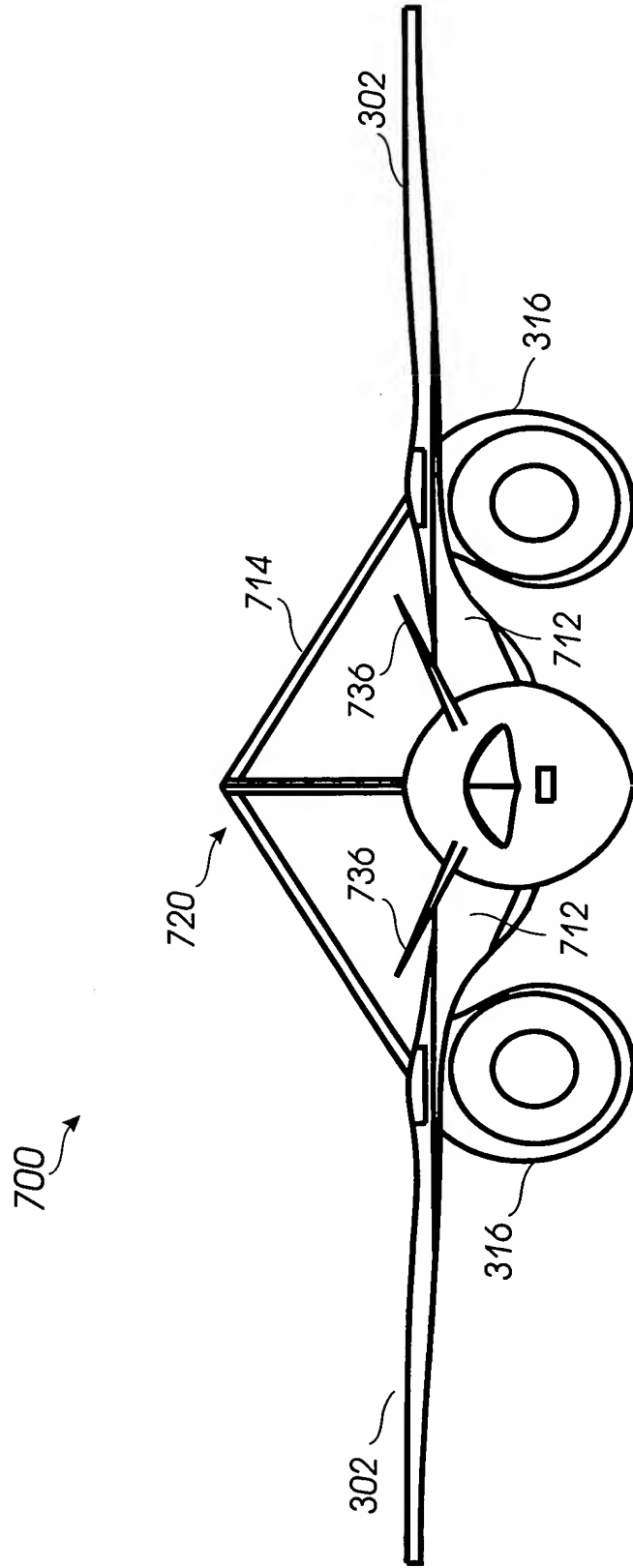


FIG. 7B

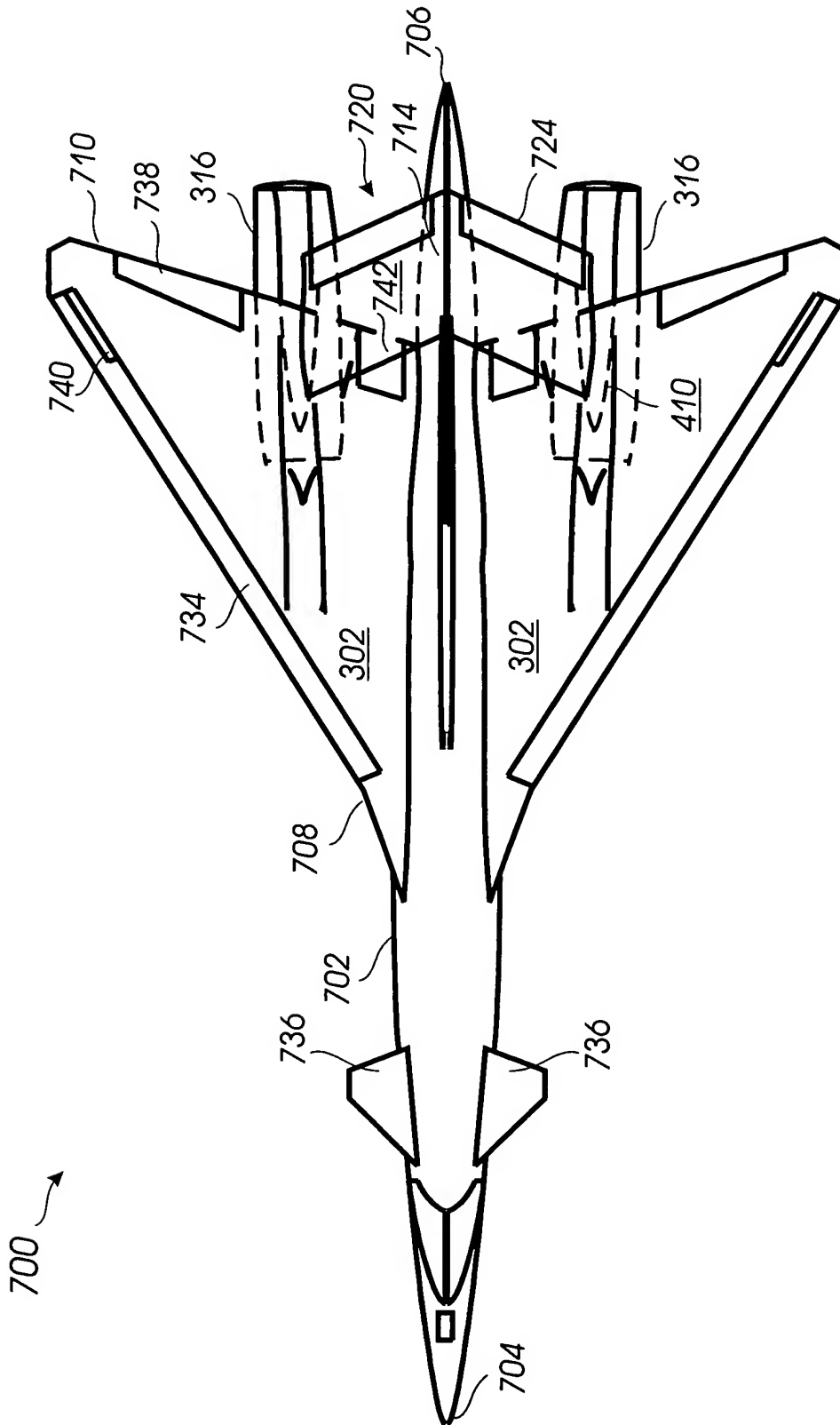


FIG. 7C